



112503

## NONPROVISIONAL PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400  
Facsimile: (703) 836-2787

Attorney Docket No.: 117843

Date: November 25, 2003

## MAIL STOP PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL  
RULE §1.53(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

13413 U.S. PTO  
10/720142

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): ACTUATOR AND METHOD OF MAKING THE SAME

By (Inventors): Masaichi MIYANO, Mitsunao HOMMA

- ☒ Formal drawings (Figs. 1-7; 7 sheets) are attached.  
☐ Use Figure \_\_\_\_\_ for front page of Publication.  
☐ A Declaration and Power of Attorney is filed herewith.  
☐ This application claims benefit of Provisional Application No. \_\_\_\_\_ filed \_\_\_\_\_.  
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)  
☒ This patent application is assigned to TDK Corporation.  
☐ The executed Assignment is filed herewith.  
☐ An Information Disclosure Statement is filed herewith.  
☐ Entitlement to small entity status is hereby asserted.  
☒ A Preliminary Amendment is filed herewith.  
 Priority of foreign applications No. (1) 2002-345815, (2) 2002-346476 filed (1) November 28, 2002, (2) November 28, 2002 in Japan are claimed (35 U.S.C. §119).  
☐ A certified copy of the above corresponding foreign application(s) is filed herewith.  
☐ This application is NOT to be published under 35 U.S.C. 122(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing.  
☒ The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED ABOVE

| FOR:   | NO. FILED | NO. EXTRA |
|--|-----------|-----------|
| BASIC FEE  |           |           |
| TOTAL CLAIMS   | 11 - 20   | = *0      |
| INDEP CLAIMS   | 2 - 3     | = *0      |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED |           |           |

\* If the difference is less than zero, enter "0".

## SMALL ENTITY

| RATE    | FEE    |
|---------|--------|
|         | \$ 385 |
| x 9 =   | \$     |
| x 43 =  | \$     |
| + 145 = | \$     |
| TOTAL   | \$     |

OTHER THAN A  
SMALL ENTITY

| RATE  | FEE    |
|-------|--------|
|       | \$ 770 |
| x 18  | \$     |
| x 86  | \$     |
| + 290 | \$     |
| TOTAL | \$ 770 |

- ☒ Check No. 148611 in the amount of \$770 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff  
Registration No. 27,075

Joel S. Armstrong  
Registration No. 36,430